

ABSTRACT OF THE DISCLOSURE

In a time shift playback operation a read position and a write position are located in a time shift region and when a user changes the time shift reproduction operation to a recording operation the time shift region has a read position associated sector through a write position associated sector having their respective attributes altered into a recording region and in response a recording region has a partial region having an attribute altered into a time shift region. A region having an attribute altered from a recording region into a time shift region has the same size as a region having an attribute altered from a time shift region into a recording region.

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